

DAT Conference Call Summary 6/03/2008

I. Participants

ACHu(DWR), FFeyrer(DWR), GAasen (DFG), TBoardman (SLDMWA), LShih(CCWD), AGleason (DFG), AChu (DWR), LBartoo (FWS), NHindman (FWS), PJohnsen (FWS), JSnow (WWD), LShih(CCWD), TWashburn (USBR), JSpeegle (FWS), ABourandas (FWS), JWhite (DFG)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 6/10/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

Red Bluff Diversion Dam: No Report

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek: Salmon catch has declined since mid May. Over the last week 10 fish in the fry/smolt size range were collected, along with 10 steelhead.

Deer Creek: No sampling.

Butte Creek: No report.

GCID: No report.

Knights Landing: There has been a decline in catch since a peak in mid May. Over the last week 4 unmarked fall run and 1 add clipped fall run were collected.

IV. Delta Monitoring

For the period 05/25/2008 - 05/31/2008

Sacramento MWTR, 2 days, 20 samples, 15 CHNF & 1 CHNT Mossdale KDTR, 230 unmarked chinook salmon, 2 steelhead, DFG Chipps Island, 2 days, 26 samples, 31 CHNF, 2 CHNS, 12 CHNT, 1 CHNA, 2 CHNE (94 mm Purple Lower caudal & 98 mm pink Lower caudal), & 1 DSM (75 mm)

Lower Sacramento Seine, 1 day, 5 samples, 48 SPLT & no other species of concern North Delta Seine, 1 day, 5 samples, 95 SPLT & no other species of concern Central Delta Seine, 1 day, 7 samples, 4 SPLT & no other species of concern South Delta Seine, 1 day, 7 samples, 8 SPLT & no other species of concern San Joaquin Seine, 1 day, 5 samples, No species of concern Bay Seine, 1 day, 5 samples, No species of concern

Efficiency studies for salmon have been conducted at the Mossdale trawl.

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>
Done for the year.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 6 was conducted May 27-30. 33 stations were sampled. So far 18 stations have at least 1 tow processed and 4 stations have all 3 tows processed. 8 delta smelt have been observed so far at 6 stations. The size range was 12-31mm with an average of 25.

26 longfin smelt have been observed so far from 4 stations. The size range was 18-33 mm with an average of 24.

Survey 7 will start May 9th

Summer Towner: <http://www.delta.dfg.ca.gov/data/towner/>

Sampling started May 2nd. Results will be reported starting at the next meeting.

SWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The SWG met on June 3.

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 5/26/2008 to 6/1/2008

Weekly totals are in parenthesis.

Chinook salmon:

No Winter-run sized nonclipped salmon was salvaged at either facility.

Season total loss for nonclipped winter-run is 375 at the CVP and 917 at the SWP.

Spring-run sized nonclipped salmon were salvaged at the SWP (48) and CVP (54).

Fall-run sized nonclipped salmon were salvaged at the SWP (278) and CVP (547).

No late fall-run sized salmon were salvaged at the SWP or CVP.

Season total loss for all races for both facilities is 6,027 clipped and 22,223 nonclipped salmon.

Steelhead:

Steelhead (nonclipped) were salvaged at the CVP (4).

Steelhead (clipped) were salvaged at the SWP (4).

Seasonal total salvage for CVP is 1,578 clipped and 309 nonclipped steelhead.

Seasonal total salvage for SWP is 1,258 clipped and 661 nonclipped steelhead.

Delta smelt:

Juvenile delta smelt were salvaged at the SWP (264) and at the CVP (136) for the period of reporting. Seasonal salvage totals are 779 for CVP and 648 for SWP.

Delta smelt larva less than 20 mm were sampled at the CVP, but not at the SWP.

Calcein-marked delta smelt are being released in CCF this week to study salvage efficiency and pre-screen losses.

Longfin smelt:

Juvenile longfin smelt were salvaged at the SWP (2) and at the CVP (16) for the period of reporting.

Seasonal salvage totals are 369 for CVP and 1,110 for SWP.

No longfin smelt larva less than 20 mm was sampled at the CVP or SWP.

Sacramento splittail:

Sacramento splittail were salvaged at the SWP (166) and at the CVP (124) for the period of reporting.

Total seasonal salvage for both facilities is 5,903.

Sturgeon:

No green or white sturgeon was salvaged at the CVP or the SWP for the period of reporting.

VII. Operations

SWP Delta Ops Summary: <http://www.woco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 1,000cfs.

Oroville – 1,500cfs.

San Luis - SWP share of San Luis capacity is 726 taf.

X2 - ~ 81.6 km

E/I - 14-day ~14.1%

CVP:

Jones PP – 1,000cfs

DCC – Closed but open on the weekends.

Trinity – 2,500cfs

Clear Creek – 200cfs

Keswick – 10,000cfs

Nimbus – 2,000cfs

Goodwin – 500cfs, will drop to 400cfs on May 4th

San Luis - CVP share of capacity is 361 taf.

Flows:

Sacramento River at Freeport ~ 11,230cfs

San Joaquin River at Vernalis ~ 1,500cfs

Delta Outflow ~ 8,853cfs. 3-day average is 8,679cfs.

Old & Middle River flow ~ USGS 7-day average is -1,752cfs as of May 31st
(DWR provisional estimate is -1,767cfs as of June 2nd).

Note: Project operators indicated that the OMR flow is currently controlling the Project operations.

Temperature:

Daily average for 6/2/08

Antioch ~ 18.9C

Rio Vista ~ 18.6C

Mossdale ~ 21.4C

3-Station Average ~ 19.6C

Temporary Barriers:

Status as of May 30, 2008

Head of Old River (HOR) Barrier:

The spring HOR barrier work will not be installed this year due to a court decision by US District Court Judge Wanger that prohibited the installation of the spring barrier to increase protections for delta smelt. This is an interim decision that effects the 2008 season only. The fall HORB is not effected.

Agricultural Barriers (Old River near Tracy [ORT], Middle River [MR], Grant Line Canal [GLC]):

Work began May 12 at the DMC barrier. While we were expecting to close this barrier today, instead it will close on Monday, June 2. The Middle River barrier construction began on May 20 and was completed May 21. Crews began construction of the Grant Line Canal north abutment (boat ramp) on May 19. Partial closure (completion of the boat ramp) is now expected June 2 as well (was June 4 last week). Full closure of the GLC barrier will be determined afterwards depending on water levels and delta smelt issues. All flap gates on the barriers will be tied open until after the Vernalis Adaptive Management Plan experiment is concluded in accordance with the Wanger decision. After VAMP, the flap gates may be untied (operating normally) if necessary to protect south Delta water levels but only with fishery agencies approval. Currently fishery requirements dictate that the gates will remain tied open until at least June 3.

Modeling:

Modeling was done this week but was received late today and staff hasn't been able to review and confirm the results. We'll provide the modeling results in a separate emailing on Monday, June 2.

Notes:

Fishery agencies and DWR will be closely monitoring conditions for Delta smelt which might effect operations of the barriers during May/June. Changes in flap-gate operations on the culverts, delaying filling of the GLC center section, removal of the barriers, and changes to SWP/CVP export operations are all possible actions that could be taken to protect smelt if necessary.

These weekly updates are also available for your information on our website:

http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm

VIII. Delta Water Quality

X2 standard:

The standard for June projects to require 30 days at Collinsville by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 7,100cfs.

E/I:

35%

Delta Cross Channel:

Can be closed up to 14 days until June 15th. The gates will remain closed through June 15th, except that they will be opened on the weekends.

Contra Costa Canal:

Cl ≤ 250 mg/L. In addition, Cl ≤ 150 mg/L are projected to be required for 155 days per critical year type. To date, 130 days already been met.

South Delta salinity:

30-day average EC ≤ 0.7 mS/cm.

West Delta salinity:

14-day average EC @ Emmaton < 2.78 mS/cm, Jersey Point < 2.20 mS/cm

Vernalis flows:

Base minimum monthly average > 710cfs

7-day average > 568cfs

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>